

**Readopt with amendment Ed 507.11, effective 3-27-14 (Document #10558), to read as follows:**

Ed 507.11 Elementary Education Teacher.

(a) To be certified as an elementary education teacher for grades K-6, the candidate shall:

- (1) Have at least a bachelor's degree;
- (2) Qualify for certification under one of the alternatives in Ed 505.0~~54~~ – Ed 505.0~~75~~; and
- (3) Complete the requirements in (c) below.

(b) To be certified as an elementary education teacher for grades K-8 the candidate shall:

- (1) Have at least a bachelor's degree;
- (2) Have a content concentration in English/language arts, mathematics, social studies or general science;
- (3) Have a passing middle school content Praxis II score in the given content area listed in (2);
- (4) Qualify for certification under one of the alternatives in Ed 505.0~~54~~ – Ed 505.0~~75~~; and
- (5) Complete the requirements in (c) below.

(c) A candidate for certification as an elementary education teacher for grades K-6 or K-8 shall have the following skills, competencies and knowledge developed through a combination of academic and supervised practical experiences in the following areas:

(1) In the area of curriculum and assessment, demonstrate the ability to promote student learning in:

a. Literacy and language arts across media, genres, and content areas through knowledge and application of:

1. Five components of basic early literacy:

- (i) Phonemic awareness;
- (ii) Phonics;
- (iii) Fluency;
- (iv) Vocabulary; and
- (v) Comprehension;

2. Text complexity measures, qualitative, quantitative, and reader and task, and other strategies to identify and select appropriate text;

3. The writing process to compose a variety of text types and structures including informational, opinion, research, and narrative, in print and digital formats on and off-line;

4. Standard English and English language conventions to speaking and writing including:

- (i) Usage;
- (ii) Spelling;
- (iii) Grammar;
- (iv) Mechanics;
- (v) Syntax; and
- (vi) Semantics;

5. Speaking and listening skills through the use of effective communication, collaboration, and presentation skills demonstrated in diverse formats, for varied audiences and purposes;

6. Gross motor, fine motor, and graphomotor skills and their relationship to reading, writing, handwriting, and other literacy learning; and

7. Characteristics of the 3 tiers of words, every-day language, general academic words, and domain-specific words;

b. Mathematics across content areas through knowledge and application of:

1. Conceptual and procedural knowledge with:

- (i) Counting and cardinality;
- (ii) Operations and algebraic thinking;
- (iii) Number and operations;
- (iv) Measurement and data;
- (v) Geometry;
- (vi) Ratios and proportional relationships;
- (vii) Number systems;
- (viii) Expressions and equations; and
- (ix) Statistics and probability; and

2. Mathematical practices to include:

- (i) Solving to mastery;
- (ii) Abstract and quantitative reasoning;
- (iii) Constructing arguments and critiquing student reasoning;
- (iv) Modeling and strategic use of mathematical tools and manipulatives;
- (v) Attention to precision;
- (vi) Finding and making use of structure; and

(vii) Expressing regularity in repeated reasoning;

c. Social studies through knowledge and application of:

1. Basic concepts in the 5 strands of social studies:

- (i) Civics;
- (ii) Economics;
- (iii) Geography;
- (iv) NH, US, and world history; and
- (v) Contemporary issues;

2. The 10 themes of social studies:

- (i) Culture;
- (ii) Time, continuity, and change;
- (iii) People, places, and environments;
- (iv) Individual development and identity;
- (v) Individuals, groups, and institutions;
- (vi) Power, authority, and governance;
- (vii) Production, distribution, and consumption;
- (viii) Science, technology, and society;
- (ix) Global connections and civic ideals and practices; and
- (x) Their interdisciplinary nature;

d. Science through knowledge and application of:

1. Basic concepts, structure of knowledge, and history in the 4 domains of science:

- (i) Earth and space science;
- (ii) Life science;
- (iii) Physical science; and
- (iv) Engineering, technology, and applications of science; and

2. The scientific method through the use of the observation and inquiry processes; and

e. Technology and information literacy through knowledge and application of:

- 1. The ability to develop and use spreadsheets, data systems, analysis tools, and statistical measures;
- 2. Digital citizenship, ethics, and internet safety; and

3. How to use changing instructional technologies in daily instruction;

(2) In the area of communication and collaboration, demonstrate the ability to promote student learning through:

- a. Knowledge of the roles, responsibilities, and interdependency of personnel indigenous to elementary schools; and
- b. Application of technology as a tool to communicate with members of the professional community and parents; and

(3) In the area of integration across content areas, demonstrate the ability to promote student learning through knowledge and application of:

- a. Visual arts, music, theatre, dance, and media arts; and
- b. Health, wellness, and safety.

Appendix I

Rule	Statute
Ed 507.11	RSA 21-N:9, II(s); RSA 186:8, V